Innovations

RADAR ENGINES WORK WITH FISHFINDERS AND GPS DISPLAYS

Interphase Technologies, Inc., has introduced an innovative line of Radar Engines that work with the company's popular Chart Master GPS displays and complement the recently introduced Interphase Black Box Fishfinder. Owners of Interphase Chart Master GPS plotters can now easily configure their system as an accurate WAAS/GPS plotter, a powerful radar, a 1,000 watt dual-frequency fishfinder, or any combination of the three.

The new Interphase RE-Series of Radar Engines include four models to fit the requirements of most any vessel, from the "Mini" RE-1, the RE-8 and RE-9 radome versions to the powerful RE-10 open array. The "Mini" RE-1 Radar Engine is perfect for smaller vessels, sailboats with arches or stern mounted radar masts, and for use as back-up radar on larger craft. Small but powerful, the "Mini" RE-1's rugged radome antenna is one of the smallest and lightest radar antenna's available measuring only 12 inches in diameter, and its powerful 2 kW transmitter will easily show targets up to a distance of 24 miles. The "Mini" RE-1 features a horizontal beam width of 7 degrees and a vertical beamwidth of 25 degrees, which is perfect for many recreational users.

The RE-8 Radar Engine is optimized for mid-sized power and sail vessels and features a larger 2 kW, 20 inch radome, resulting in a narrower 4.7 degree horizontal beamwidth and a range of up to 24 miles. The RE-9 Radar Engine is a larger and more powerful radome version. With 4 kW of power, the RE-9 has a range of 36 nautical miles and a horizontal beam width of only 4 degrees.

The new RE-10 Radar Engine is a powerful open array version that is available with either a 3.5 or 4.5 foot antenna, sports a 4 kW transmitter and has ranges to 48 nautical miles. The 3.5 foot version has a 2.4 degree horizontal beam-width and the 4.5 foot version has a 1.7 degree beam-width for amazingly fine resolution. And like all Interphase Radar Engines, the RE-10 has a vertical beam-width of 25 degrees to help compensate for vessel pitch and roll in rough weather.

Once connected to Interphase' Chart Master Series of GPS plotters, the plotter becomes a powerful radar and chart plotting display. Users can view full screen radar or chart images or simultaneously view both on a split screen display. Charts can also be overlaid directly on top of the real-time radar image to aid in quick identification of radar images such as buoys, channel markers, obstructions and shorelines.

Each of Interphase's new Radar Engines feature Auto Tuning so the picture is constantly and automatically optimized for best signal clarity. Also included are two Electronic Bearing Lines, two Variable Range Markers, Heads Up, Course Up or North Up presentation modes, and the user can even select and alarm two different sector guard zones. Another very useful feature, target expansion, gives the user the ability to offset the image anywhere on the screen to maximize the view in a particular direction.

► **Interphase Technologies, Inc.**
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